

Thesis/  
Reports  
Herrera,  
P. A.

**AVIAN MONITORING OF THE MASTERSON AND PLASKETT  
MEADOWS CAMPGROUNDS SUMMARY REPORT 2008**

# **Avian Monitoring of the Masterson and Plaskett Meadows Campgrounds Summary Report 2008**

Submitted to:  
Linda Angerer  
Mendocino National Forest

By  
Pablo A. Herrera, C. John Ralph, and Kimberly Hollinger,  
U.S.D.A. Forest Service, Redwood Sciences Laboratory  
1700 Bayview Drive, Arcata, California 95521

17 March 2009

## **INTRODUCTION**

We conducted avian monitoring of the Masterson and Plaskett Meadows Campgrounds with the goal of establishing long-term monitoring of the bird communities of the Mendocino National Forest. These data can provide valuable information to be used in making resource management decisions for planning and restoration actions of these sites and will be useful as reference for projects elsewhere on the Forest. These data have also been included in the estimates of demographic parameters for bird populations in other region-wide and nationwide monitoring efforts.

In this report we summarize our survey efforts and results from 2000-2003 and 2008 monitoring efforts.

## **METHODS**

We used the constant-effort mist net capture technique to assess the reproductive status of landbirds and small owls at the Masterson (N 39.7370182355°, W -122.843836581°) and Plaskett Meadows (N 39.7277888702°, W -122.848523287°) Campgrounds. Constant effort mist netting followed methods described by Ralph et al. (1993). At each site, 10 mist nets were arrayed over an approximately 500 m area and operated for 5 hours each day. Data collected from captured birds included morphological measurements to determine species, age, and sex. We also assessed fat levels and measured weight as an index of health. Birds were also banded with standard U.S. Fish and Wildlife Service uniquely-numbered bands, enabling marked-recapture analyses of survivorship and other demographic metrics to be conducted in subsequent years.

During each capture morning we conducted two Area Search surveys (Ralph et al. 1993) in the vicinity of the nets to assess abundance of birds. During area searches, observers record birds seen and heard in a 20 minute period. The area search plots were centered on the mist-net array and varied in size and shape between the two campgrounds. A total of 209 Area Search surveys were conducted during 2000-2003 and 2008.

Checklists of all species observed were completed frequently following a site visit. Breeding evidence and territorial behaviors were noted to aid in the determination of the breeding bird community.

Table1. Dates of operation of the Masterson Campground and Plaskett Meadows Campground constant-effort mist netting stations.

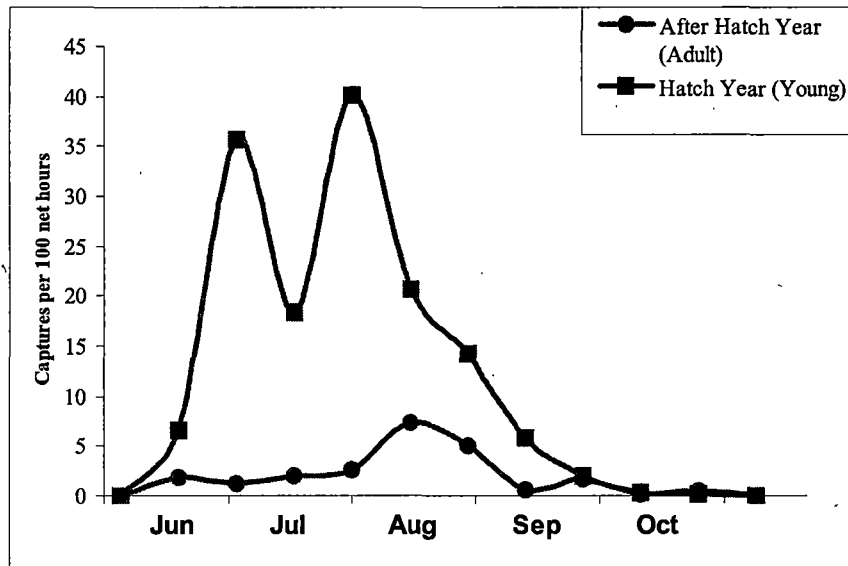
Masterson Campground					Plaskett Meadows Campground				
2000	2001	2002	2003	2008	2000	2001	2002	2003	2008
13-Jun	24-May	5-Jun	12-Jun	30-May	20-Jul	6-Jun	13-Jun	13-Jun	29-May
27-Jun	5-Jun	6-Jun	13-Jun	13-Jun	21-Jul	13-Jun	28-Jun	6-Jul	12-Jun
19-Jul	12-Jun	12-Jun	7-Jul	26-Jun	---	29-Jun	3-Jul	25-Jul	25-Jun
28-Jul	28-Jun	27-Jun	26-Jul	9-Jul	---	11-Jul	16-Jul	21-Aug	8-Jul
8-Aug	10-Jul	2-Jul	22-Aug	16-Jul	---	20-Jul	24-Jul	---	15-Jul
18-Aug	19-Jul	17-Jul	---	25-Jul	---	1-Aug	6-Aug	---	24-Jul
25-Aug	31-Jul	23-Jul	---	15-Aug	---	16-Aug	15-Aug	---	14-Aug
6-Sep	15-Aug	7-Aug	---	22-Aug	---	24-Aug	27-Aug	---	21-Aug
22-Sep	23-Aug	16-Aug	---	29-Aug	---	6-Sep	9-Sep	---	25-Aug
29-Sep	5-Sep	28-Aug	---	3-Sep	---	12-Sep	13-Sep	---	27-Aug
6-Oct	10-Sep	5-Sep	---	11-Sep	---	19-Sep	18-Sep	---	28-Aug
13-Oct	11-Sep	12-Sep	---	12-Sep	---	28-Sep	25-Sep	---	2-Sep
26-Oct	18-Sep	17-Sep	---	18-Sep	---	3-Oct	2-Oct	---	11-Sep
---	27-Sep	24-Sep	---	19-Sep	---	10-Oct	21-Oct	---	18-Sep
---	1-Oct	8-Oct	---	22-Sep	---	17-Oct	23-Oct	---	22-Sep
---	2-Oct	22-Oct	---	26-Sep	---	---	---	---	25-Sep
---	9-Oct	24-Oct	---	3-Oct	---	---	---	---	2-Oct
---	16-Oct	---	---	8-Oct	---	---	---	---	9-Oct
---	---	---	---	10-Oct	---	---	---	---	28-Oct
---	---	---	---	27-Oct	---	---	---	---	---
---	---	---	---	29-Oct	---	---	---	---	---

In addition to capture of landbirds, and when time and weather allowed we also conducted a three hour evening and three hour pre-dawn owl capture session prior morning of landbird capture. During owl capture sessions, we used 2-3 mist nets with a continuous-playing cassette tape audio-lure that targets four small owl species: the Northern Saw-whet Owl, Flammulated Owl, Western Screech-Owl, and Northern Pygmy-Owl. A minimum of two Nocturnal Area Search surveys were also conducted for any owls or other wildlife species. Data from these surveys are available but are not reported here.

## RESULTS AND DISCUSSION

We detected 101 species of birds at the two sites (Appendix A) with a total of 34 species confirmed breeding at or near the sites (Appendix B). We assigned a “confirmed” breeding status for a species when we observed behaviors indicative of nesting, or physical characteristics seen during capture (enlarged cloacal protuberance or presence of a brood patch). Breeding status ranking followed standard Breeding Bird Atlas criteria (Hunter et al. 2005). Of these confirmed breeding birds, seven species were identified by Partners in Flight (PIF) as having population trends with a “significant large decrease” for this region (Panjabi et al. 2005). These species include the Pine Siskin, Orange-crowned Warbler, Western Wood-Pewee, Golden-crowned Kinglet, Dusky Flycatcher, Chipping Sparrow and Olive-sided Flycatcher. Meadow sites provide critical resources for these species and can be used by large concentrations of young birds. For example, we captured an average of 40 Hatch Year Orange-crowned Warblers per 100 net hours, but only an average of 7 adult birds (After Hatch Year) per 100 net hours (Figure 1).

Figure 1. Mean number of Orange-crowned Warblers captured at the Masterson Campground and Plaskett Meadows Campground constant-effort mist netting stations, 2000-2003 and 2008.



Several species of interest have been detected during our monitoring efforts. We captured a Willow Flycatcher on July 9, 2008 at the Masterson station. Although this individual exhibited probable breeding evidence (a winkled/recent brood patch), it was not inferred that it had bred at the site; since it may have bred elsewhere and moved post-breeding. However, the date of this detection was within the third protocol period for Willow Flycatcher surveys (Bombay et al. 2000) and well within the range of reported nesting dates (Sedgwick 2000). Three other Willow Flycatchers have been captured during August and September of 2001 and 2008. These did not exhibit breeding evidence and fit the typical timing for migrants as described in Ralph and Hollinger 2003.

We have also detected Spotted Owls at the Masterson station during the fall of 2000 and 2008. The breeding status of Spotted Owls at this location are not known.

Brown-headed Cowbirds are brood parasites that can impact productivity of some bird species whose populations are of concern. We detected two Brown-headed Cowbirds at the Masterson Campground Station on June 13, 2000, but have not observed any other individuals in the subsequent years.

Continued monitoring of the Masterson and Plaskett Meadows Campgrounds will provide the Forest with long-term bird population and habitat use information that is important for management decisions and planning. Future analyses should include estimates of population composition, species abundance and demographic parameters such as survivorship and productivity. Constant-effort mist netting data in this report are available through the Avian Knowledge Network (<http://www.avianknowledge.net>) and Klamath Bird Observatory - Redwood Sciences Laboratory Avian Data Center (<http://www.klamathbird.org/akn.html>). Area search, Species Checklist and nocturnal Area Search data are available upon request.

## LITERATURE CITED

- Bombay, H. L., Ritter, T. M., and Valentine, B. E. 2000. A Willow Flycatcher survey protocol for California. USDA Forest Service, 1323 Club Drive, Vallejo, California 94592.
- Hunter, J. E., D. Fix, G. A. Schmidt, and J. C. Power. 2005. Atlas of the breeding birds of Humboldt County, California. Redwood Region Audubon Society, Eureka, California. 440 pp.
- Panjabi, A. O., E. H. Dunn, P. J. Blancher, W. C. Hunter, B. Altman, J. Bart, C. J. Beardmore, H. Berlanga, G. S. Butcher, S. K. Davis, D. W. Demarest, R. Dettmers, W. Easton, H. Gomez de Silva Garza, E. E. Iñigo-Elias, D. N. Pashley, C. J. Ralph, T. D. Rich, K. V. Rosenberg, C. M. Rustay, J. M. Ruth, J. S. Wendt, and T. C. Will. 2005. The Partners in Flight handbook on species assessment. Version 2005. Partners in Flight Technical Series No. 3. Rocky Mountain Bird Observatory website: <http://www.rmbo.org/pubs/downloads/Handbook2005.pdf>
- Ralph, C. J., G. R. Geupel, P. Pyle, T.E. Martin, and D. F. DeSante. 1993. Field Methods for Monitoring Landbirds. USDA Forest Service Publication, PSW-GTR 144, Albany, California.
- Ralph, C. J. and K. Hollinger. 2003. The status of the Willow and Pacific-slope Flycatchers in northwestern California and southern Oregon. In: Ecology and Conservation of the Willow Flycatcher. M. Sogge, B. Kus, M. Whitfield, and S. Sferra, eds. Studies in Avian Biology 26:104-117.
- Sedgwick, J. A. 2000. Willow Flycatcher (*Empidonax traillii*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: <http://bna.birds.cornell.edu/bna/species/533doi:10.2173/bna.533>

Appendix A. Species detected by Area Searches, Banding (constant-effort mist netting) and/or Species Checklists from 2000-2003 and 2008 at the Masterson Campground and/or Plaskett Meadows Campground constant-effort mist netting stations, Mendocino National Forest.

Common Name	Conservation Status <sup>1</sup>	Survey Types	Seasons Observed	Years Observed
Great Blue Heron	IUCN:LC CDF:S	AreaSearch	Fall	2008
Turkey Vulture		SpeciesChecklist AreaSearch	Summer Fall	2000 2001 2002 2003 2008
Mallard		SpeciesChecklist AreaSearch	Summer Fall	2000 2001 2008
Osprey	IUCN:LC DFG:SSC CDF:S	AreaSearch	Summer	2001
Sharp-shinned Hawk	IUCN:LC DFG:SSC	AreaSearch Banding	Fall	2000 2001 2002 2008
Cooper's Hawk	IUCN:LC DFG:SSC	AreaSearch	Fall	2008
Red-tailed Hawk		SpeciesChecklist AreaSearch	Summer Fall	2000 2001 2002 2008
	DFG:SSC IUCN:LC USFWS:BCC			
Golden Eagle	BLM:S CDF:S DFG:FP	AreaSearch	Fall	2001 2002
Prairie Falcon	USFWS:BCC IUCN:LC DFG:SSC	AreaSearch	Fall	2002
Mountain Quail		SpeciesChecklist AreaSearch	Summer Fall	2001 2003 2008
California Quail		AreaSearch	Summer Fall	2000 2001 2002
Wilson's Snipe		SpeciesChecklist	Summer	2008
Band-tailed Pigeon		SpeciesChecklist AreaSearch	Summer Fall	2001 2002 2008
	USBC:WL USFWS:BCC IUCN:LC			
Flammulated Owl	ABC:GL AUDUBON:WL	SpeciesChecklist Banding	Fall	2008
Western Screech-Owl		Banding	Summer Fall	2001 2002
Great Horned Owl		SpeciesChecklist AreaSearch	Summer Fall	2001 2002 2008
Northern Pygmy-Owl		SpeciesChecklist AreaSearch Banding	Fall	2000 2002 2008
	ESA:Threatened IUCN:NT USBC:WL			
Spotted Owl	CDF:S ABC:GL AUDUBON:WL	SpeciesChecklist AreaSearch	Fall	2000 2008
Long-eared Owl	DFG:SSC	Banding	Fall	2008
Northern Saw-whet Owl		Banding	Fall	2001 2008
Anna's Hummingbird		SpeciesChecklist AreaSearch Banding	Summer Fall	2002 2008
Calliope Hummingbird		AreaSearch Banding	Summer	2001 2008
	USBC:WL USFWS:BCC IUCN:LC			
Rufous Hummingbird	ABC:GL AUDUBON:WL	SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Allen's Hummingbird	USBC:WL IUCN:LC AUDUBON:WL	SpeciesChecklist Banding	Summer	2002 2008
Red-breasted Sapsucker		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
	IUCN:LC USBC:WL ABC:GL			
Nuttall's Woodpecker	AUDUBON:WL	AreaSearch	Summer	2003
Downy Woodpecker		SpeciesChecklist AreaSearch Banding	Summer Fall	2001 2002 2003 2008
Hairy Woodpecker		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008

Common Name	Conservation Status <sup>1</sup>	Survey Types	Seasons Observed	Years Observed
White-headed Woodpecker	USBC:WL USFWS:BCC IUCN:LC ABC:GL AUDUBON:WL	SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Northern Flicker		SpeciesChecklist AreaSearch	Summer Fall	2000 2001 2002 2003 2008
Pileated Woodpecker		SpeciesChecklist AreaSearch	Summer Fall	2000 2001 2002 2003 2008
Olive-sided Flycatcher	USBC:WL USFWS:BCC IUCN:NT ABC:GL AUDUBON:WL	SpeciesChecklist AreaSearch Banding	Summer Fall	2001 2002 2003 2008
Western Wood-Pewee		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Willow Flycatcher	CESA:Endangered USBC:WL USFS:S IUCN:LC ABC:GL AUDUBON:WL	SpeciesChecklist Banding	Summer Fall	2001 2008
Least Flycatcher		Banding	Fall	2001
Hammond's Flycatcher		SpeciesChecklist Banding	Summer Fall	2000 2001 2002 2003 2008
Gray Flycatcher		Banding	Fall	2008
Dusky Flycatcher		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Pacific-slope Flycatcher		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Black Phoebe		Banding	Summer	2001
Ash-throated Flycatcher		AreaSearch	Summer	2008
Cassin's Vireo		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Hutton's Vireo		AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Warbling Vireo		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Gray Jay		AreaSearch	Fall	2001
Steller's Jay		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Western Scrub-Jay		AreaSearch	Fall	2008
Clark's Nutcracker		AreaSearch	Fall	2001
American Crow		SpeciesChecklist AreaSearch	Summer Fall	2001 2008
Common Raven		SpeciesChecklist AreaSearch	Summer Fall	2000 2001 2002 2003 2008
Tree Swallow		AreaSearch	Fall	2002
Mountain Chickadee		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Chestnut-backed Chickadee		SpeciesChecklist AreaSearch Banding	Fall	2002 2008
Bushtit		AreaSearch Banding	Summer Fall	2001
Red-breasted Nuthatch		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
White-breasted Nuthatch		SpeciesChecklist AreaSearch	Summer Fall	2003 2008
Brown Creeper		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Bewick's Wren		AreaSearch	Fall	2000 2008
House Wren		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008

Common Name	Conservation Status <sup>1</sup>	Survey Types	Seasons Observed	Years Observed
Winter Wren	IUCN:LC DFG:SSC	AreaSearch Banding	Fall	2000 2001 2002 2008
Golden-crowned Kinglet		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2008
Ruby-crowned Kinglet		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Western Bluebird		AreaSearch Banding	Summer Fall	2000 2001 2002 2008
Townsend's Solitaire		AreaSearch Banding	Summer Fall	2001 2002
Swainson's Thrush		SpeciesChecklist AreaSearch Banding	Summer Fall	2001 2002 2003 2008
Hermit Thrush		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
American Robin		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Varied Thrush		SpeciesChecklist AreaSearch Banding	Fall	2000 2001 2002 2008
Wrentit		AreaSearch	Fall	2002
Cedar Waxwing		AreaSearch	Fall	2001 2002 2008
Orange-crowned Warbler		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Nashville Warbler		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Yellow Warbler		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Myrtle Warbler		AreaSearch Banding	Fall	2001 2002
Audubon's Warbler		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Black-throated Gray Warbler		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2008
Townsend's Warbler		AreaSearch Banding	Fall	2000 2001 2002 2008
Hermit Warbler		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
MacGillivray's Warbler		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Wilson's Warbler		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Western Tanager		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Green-tailed Towhee		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Spotted Towhee		SpeciesChecklist AreaSearch Banding	Summer Fall	2001 2003 2008
Chipping Sparrow		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Fox Sparrow		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Song Sparrow		SpeciesChecklist AreaSearch Banding	Summer Fall	2001 2002 2003 2008
Lincoln's Sparrow		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
White-crowned Sparrow		SpeciesChecklist AreaSearch Banding	Fall	2000 2001 2002 2008
Golden-crowned Sparrow		SpeciesChecklist AreaSearch Banding	Fall	2000 2001 2002 2008
Oregon Junco	IUCN:LC	SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Black-headed Grosbeak		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2008
Lazuli Bunting		SpeciesChecklist AreaSearch Banding	Summer Fall	2001 2002 2003 2008
Brown-headed Cowbird		AreaSearch	Summer	2000
Bullock's Oriole		AreaSearch Banding	Summer Fall	2001 2002



<b>Common Name</b>	<b>Conservation Status<sup>1</sup></b>	<b>Survey Types</b>	<b>Seasons Observed</b>	<b>Years Observed</b>
Purple Finch		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Cassin's Finch		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Red Crossbill		SpeciesChecklist AreaSearch	Summer Fall	2001 2002 2008
Pine Siskin		SpeciesChecklist AreaSearch Banding	Summer Fall	2000 2001 2002 2003 2008
Lesser Goldfinch		AreaSearch	Fall	2001
American Goldfinch		SpeciesChecklist AreaSearch Banding	Fall	2001 2002 2008
Evening Grosbeak		AreaSearch	Fall	2001 2008

<sup>1</sup> *Conservation Status codes* — Audubon: WL = National Audubon Society- WatchList; DFG: SSC = California Department of Fish and Game-Species of Special Concern; ESA: Threatened = Federally listed as Threatened; IUCN: LC = World Conservation Union: Least Concern; IUCN: NT = World Conservation Union: Near Threatened; USBC: Watch List = U.S. Bird Conservation Watch List; USFS: Sensitive = U.S. Forest Service- Sensitive Species; USFWS: BCC = U.S. Fish and Wildlife Service- Bird of Conservation Concern.

Appendix B. Number of Area Search surveys with each species detected, percent occurrence (percent of 209 Area Searches surveys with species present), and total number of individuals detected on all Area Search surveys combined for species with “Confirmed” breeding status at the Masterson Campground and/or Plaskett Meadows Campground constant-effort mist netting stations from 2000-2003 and 2008, Mendocino National Forest. Partners in Flight (PIF) population trends for this region (Bird Conservation Region 5) are included.

<b>Common Name</b>	<b>Number of Surveys Detected</b>	<b>Percent Occurrence</b>	<b>Total Number</b>	<b>PIF Population Trend for BCR 5</b>
Red-breasted Nuthatch	205	98	750	Trend uncertain
Oregon Junco	201	96	2077	Possible decrease to moderate decrease
Mountain Chickadee	171	82	619	Trend uncertain
Steller's Jay	142	68	303	Trend uncertain
American Robin	128	61	238	Possible increase to stable
Audubon's Warbler	104	50	390	Trend uncertain
Wilson's Warbler	76	36	137	Possible decrease to moderate decrease
Pine Siskin	74	35	335	Significant large decrease
Fox Sparrow	72	34	123	Trend uncertain
Lincoln's Sparrow	61	29	114	Trend uncertain
Orange-crowned Warbler	60	29	176	Significant large decrease
Cassin's Vireo	56	27	77	Possible decrease to moderate decrease
Western Wood-Pewee	55	26	120	Significant large decrease
Nashville Warbler	46	22	152	Trend uncertain
Golden-crowned Kinglet	45	22	93	Significant large decrease
White-headed Woodpecker	40	19	48	Trend uncertain
Dusky Flycatcher	37	18	62	Significant large decrease
Chipping Sparrow	34	16	59	Significant large decrease
Western Tanager	32	15	54	Trend uncertain
Purple Finch	31	15	113	Possible decrease to moderate decrease
Warbling Vireo	31	15	47	Possible increase to stable
Red-shafted Flicker	29	14	37	Possible decrease to moderate decrease
Hermit Warbler	28	13	38	Trend uncertain
Red-breasted Sapsucker	27	13	32	Possible decrease to moderate decrease
Olive-sided Flycatcher	24	11	24	Significant large decrease
Black-headed Grosbeak	23	11	28	Possible increase to stable
MacGillivray's Warbler	18	9	26	Possible decrease to moderate decrease
Yellow Warbler	16	8	22	Possible decrease to moderate decrease
Hermit Thrush	13	6	15	Possible decrease to moderate decrease
Lazuli Bunting	11	5	21	Possible decrease to moderate decrease
Cassin's Finch	8	4	13	Trend uncertain
Swainson's Thrush	7	3	9	Possible decrease to moderate decrease
Green-tailed Towhee	6	3	7	Possible increase to stable
Townsend's Solitaire	4	2	2	Trend uncertain